Approved For Release 2002/84/28 RCIA-RDP78B04747A000200030054-8

NPIC/TSSG/RED/SDB-020-70 20 April 1970

MEMORANDUM FOR THE RECORD		
Ctareo Comparato	r Program	
SUBJECT: High Precision Steres company		25X1A
·		echni- 25X1A
General Manager	telephoned the te	Lex
1. General Manager cal monitor and passed on the latest inf	5rma cron recessor	25X1
7 2050	n some tests, but these w	ere
2. From 3-10 April - 2 branch of the	ne optical system.	25/(1/1/
The reticle branch has had major not been installed in the optical system		ad il 1970.
has inchalled in the optical of		•
The optical potentiometer para	meter tests, the illust test	27 April
the fully assembled optical system, where the fully assembled optical system, and the full system is a second optical system.	hese tests exercise all the	ne com-
and will be completed by 4 to 6 May: ponents and subsystems of the optical s	ystem.	
		he 25X1A
It will take 8 to 10 working of optical system for shipping.		
	otics by air freight on 19) May
	J	
3. The delay in the tests have b	een due to problems with:	the ·
branch. Limit Switchick, dark		•
		and
the mast two months.	the new	reticies
ship due to lil delined ode	11 have TO DE	TTIIT OCC
1 O E Times OIT Late Off The	T-at 95076	ATTITACE
a light to 4 bings willing	- 1000 OT T	ne eve
tion limit gives a doo or or	- 103-4 miga of 1 3/4 mig	Prome della
piece. This will give an equiva at the film plane at 200X magnif	ication. This is based of	"
method of computation.	Magnification)	
Ocular	Magnification)	

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ision Stereo Comparator Program SUB

2 - NPIC/IEG/PHD 2 - NPIC/TSSG/ESD

Approved FOTTR # 16505 6 2002/08/28 1 - NPIC/PPBS

25X1A

25X1A

25X1A

25X1A

BJECT: High Precision Stereo Comparator 1108-	
	i i
05 3 75	
Example: $\frac{35}{(200)} = \frac{35}{20} = 1.75$	
of reticle in the plane of the	
At 2.5 diffraction limit the size of reticle in the plane of the eyepiece will be 88 micrometers. This will have to be discussed	
with IEG/PHD.	
b. There have been some problems with interference with the limit switches but this is being resolved.	
c. has been working to insure that the zoom elements in the main zoom system are not damaged during the zoom elements in the main zoom system are not damaged during the zoom operation. At one point, two elements move to within 2 thousandths operation of each other and safeguards must be installed to prevent of an inch of each other and safeguards must be installed to	25X1A
has run resolution tests on the main scanning system. has run resolution tests on the main scanning system. has run resolution tests on the main scanning system. He also reports that some vignetting is visible at 20X specifications. He also reports that some vignetting is visible at 20X specifications. He would like to know if limiting this specifications.	
200m range to cover 200m r	
5. In regard to the correlation system will start the acceptance on the main points for an acceptance test. will start the acceptance	25X1A 25X1A
6. The slippage in the optical schedule will cause the entire program to slide. A new schedule will be produced for preacceptance program to slide. A new schedule will be produced for preacceptance program to slide. A new schedule will be produced for preacceptance will be produced for preacceptance program to slide. When more is known about the results of the optical tests.	
The start of the preacceptance tests at	25X1A
7. The technical monitor will visit from 27-29 April 1970. At this time it is hoped that firm training and test schedules can be	25X1A
worked out.	25X1A
Distribution:	
Original - Route & File 1 - NPIC/TSSG/EO 1 - NPIC/TSSG/SSD	25X1A
- ' '	

. 25X1A

Approved For Release 2002/08/28: ONG-RDF78B04747A000200030054-8 FROM DATE TSSG/RED 22 April 1970 то INITIALS DATE REMARKS DIRECTOR DEP/DIRECTOR EXEC/DIRECTOR SPECIAL ASST ASST TO DIR HISTORIAN CH/PPBS DEP CH/PPBS EO/PPBS 25X1A CH/IEG DEP CH/IEG EO/IEG CH/PSG DEP CH/PSG EO/PSG CH/TSSG DEP CH/TSSG EO/TSSG CH/SSD/TSSG PERSONNEL LOGISTICS 25X1 TRAINING RECORDS MGT SECURITY FINANCE DIR/IAS/DDI CH/DIAXX-4 CH/DIAAP-9 ^{CH/}ቾpβroved For Release 2002/08/28 : CIA-RDP78B04747A000200030054-8

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